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Инструкция для MJX F39 Shuttle

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ITEM NO.F39/F639

F-SERIES 2.4G

4 CH DIGITAL PROPORTIONAL R/C COAXIAL HELICOPTER MODEL

INSTRUCTION MANUAL

Thank you for purchasing this product. Please read this manual carefully before use and retain it for future reference.

Technical parameter of the helicopter

Fuselage Length:810MM	Gross Weight: about 665g	Main Rotor Diameter: 515MM
Overall height: 315MM	Battery: Li-polymer 7.4V	Motor: #370
Gear Ratio: 14:1	Tail Rotor Diameter: 148MM	Charging Time: about 3 hours

Introduction

- Coaxial-rotor design, built-in gyro and negative rotation of rotors are used to increase the helicopter's stability and operability. It is the best choice for beginner.
- Aluminum fuselage design and innovative appearance make the helicopter full of attraction.
- By using of the 2.4G auto connection technology, scores of helicopters can be played at the same time with high stability.
- Microcomputer control LCD remote controller brings more operation interesting for player. By adjusting the parameter, user can randomly regulate the helicopter's left/right turning speed, left/right sideward flight speed and the speed of moving forward /backward.
- Forward/backward and sideward flight controlled by swashplate, the helicopter is strong enough for outdoor free flight.
- Equipped with screw servo,F39/F639 has the characteristics of light weight, easy operation and rapid response.

Safety Guidelines

- This product is not a toy. It is not applicable for children who are under 14 years old.
- Please read this instruction manual carefully before playing and operate the product according to the manual.
- The users are in full charge of proper operating the helicopter. The manufacturer and dealers disclaim all responsibility for the damage caused by misuse.
- Keep the small accessories away from the kids to avoid accident.
- Keep batteries away from fire or high temperature environment.
- When flying the helicopter, keep it 1~2 meters away from user or others to avoid injury due to collision.
- Not to decompose or modify the product which may cause malfunction or accident.
- Fly the helicopter within your eye vision for easy and safety control.
- Need adult supervision when this helicopter is being played by children.
- Only batteries of the same or equivalent type as recommended are to be used.
- Insert batteries with correct polarity.
- Non rechargeable batteries are not to be charged; the transmitter need 4XAA batteries for work.
- Do not mix old and new batteries.

Product/spare parts included in this packaging

Description	Qty(pc)
Helicopter	1
Remote controller	1
Rotor blade	2

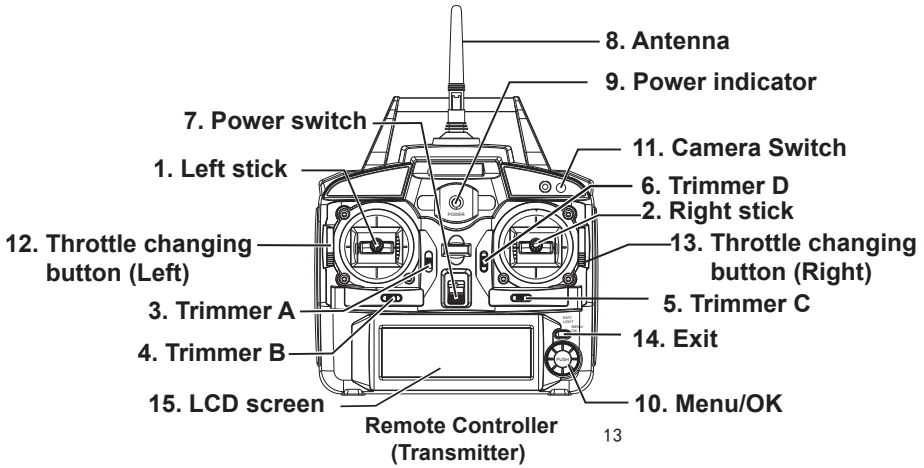
Description	Qty(pc)
Adaptor	1
Manual	1

The LCD Remote controller

Main features of the remote controller

- Microcomputer control LCD remote controller ,with the 2.4G auto connection technology, many helicopters can be operated simultaneously with high stability.
- Control the actions of upward,downward,forward, backward,leftward, rightward,turning left and turning right of the helicopter.
- Throttle control stick can be freely switched according to player's willingness.

Sketch and function switches of the remote controller



No.	Function switch	Function description
1	Left stick	STICK MOD2:upward/downward,leftward/rightward; STICK MOD4:upward/downward,turn left/turn right; STICK MOD1:forward/backward,turn left/turn right; STICK MOD3:forward/backward,leftward/rightward.
2	Right stick	STICK MOD1: upward/downward,leftward/rightward; STICK MOD3: upward/downward, turn left/turn right; STICK MOD2: forward/backward,turn left/turn right; STICK MOD4: forward/backward,leftward/rightward.
3	Trimmer A	In stick Mod 2 and 4, this button is null. In stick Mod 1and 3, it helps to tune the helicoper's forward and backward flight.

No.	Function switch	Function description
4	Trimmer B	In stick Mod 2 and 3, it helps to tune the helicopter's sideward flight. In stick Mod 1 and 4,it helps to tune the helicopter's left and right direction turning speed.
5	Trimmer C	In stick Mod 2 and 3, it helps to tune the helicopter's left and right direction turning speed. In stick Mod 1 and 4,it helps to tune the helicopter's sideward flight.
6	Trimmer D	In stick Mod 1 and 3, this button is null. In stick Mod 2 and 4, it helps to tune the helicoper's forward and backward flight.
7	Power switch	It controls the power source of the transmitter.Slide the power switch to the “ON” position, the transmitter is powered on; slide the power switch to the “OFF” position, the transmitter is powered off.
8	Antenna	Transmits wireless signal.
9	Power indicator	The indicator light keeps blinking slowly: the transmitter is not activated. The indicator light keeps flashing rapidly: the transmitter is sending out connectional signal to the helicopter. The indicator light keeps on without blinking: the transmitter is ready for controlling the flight.
10	Menu/OK	Press this button to enter into the parameter setting menu or store the setting after parameter adjustment. Turn clockwise /counter clockwise to select the desired menu or increase/ decrease the value when adjusting the parameter.
11	Camera Switch	Turn on/off the camera of the helicopter.
12/13	Throttle changing button	Slide down or slide up the 2 buttons at the same time to select the throttle control stick
14	Exit	In the start-up interface, After enter into the menu, press this switch to exit from the menu or cancel the setting.

Remote controller’s parameter setting

Select the throttle control stick

There is 1 throttle button on either side of the remote controller.

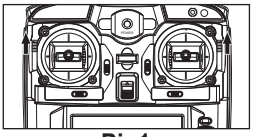
- Slide both of the 2 buttons to "R", the right stick is the throttle control stick.
- Slide both of the 2 buttons to "L", the left stick is the throttle control stick.

Tip: both of the 2 buttons should be either on the position of "R" or "L", otherwise, the remote controller can not be activated.

Activate the LCD remote controller

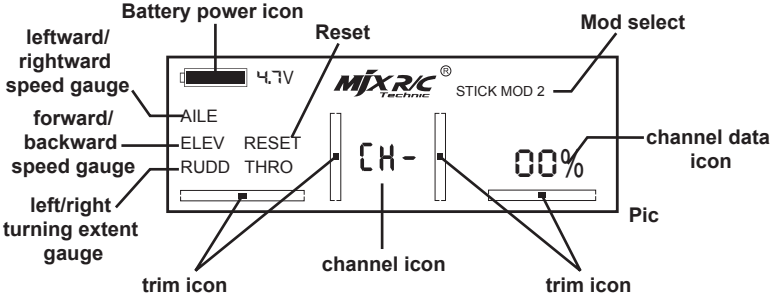
Slide the power switch to "ON" position after throttle control stick selection is done.To activate the remote controller, slowly push up the throttle control

stick to the top and then push it down to the bottom. The remote controller is activated once a beep sound is heard. Then, the indicator light keeps flashing while the remote controller is sending out connectional signal. It takes about 10 seconds to finish the signal transmission process. After signal transmission is completed, the indicator light keeps constant "on". User can turn either the left stick or the right stick to skip the signal transmission process and enter into the start-up interface directly.



Pic1

Pic2



After the remote controller is activated, press Menu/OK button to enter into the function menu. Turn clockwise or counter clockwise to select the desired menu and enter into the parameter setting interface to set the parameters.

AILE: Leftward/rightward speed setting

When enter into the function menu, the icon AILE keeps blinking; Press MENU/OK to enter into the Leftward/rightward flight speed setting interface. At this time, the AILE icon stops blinking.Turn clockwise of the MENU/OK button to increase the leftward/rightward flight speed and turn counter clockwise of the MENU/OK button to decrease the leftward/rightward flight speed.Press MENU/OK button to store the setting or Press EXIT/LIGHT button to cancel the setting.

ELEV: Forward/backward speed setting

Enter into the function menu and find the blinking ELEV icon by turning clockwise or counterclockwise of the MENU/OK button.Press MENU/OK button to stop the blinking of ELEV icon and enter into the Forward/ backward speed setting interface.Turn clockwise of the MENU/OK button to increase the forward/backward flight speed and turn counter clockwise of the MENU/OK button to decrease the forward/backward flight speed. Press MENU/OK button to store the setting or Press EXIT/LIGHT button to cancel the setting.

RUDD: Left/right turning extent setting

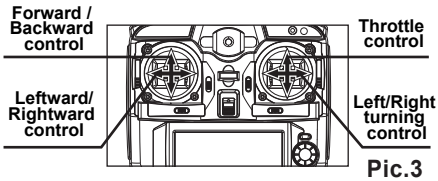
Enter into the function menu and find the blinking RUDD icon by turning

clockwise or counterclockwise of the MENU/OK button.Press MENU/OK button to stop the blinking of RUDD icon and enter into the left/right turning speed setting interface.Turn clockwise of the MENU/OK button to increase the left/right turning speed and turn counter clockwise of the MENU/OK button to decrease the left/right turning speed.Press MENU/OK button to store the setting or Press EXIT/LIGHT button to cancel the setting.

Stick Mode Selection

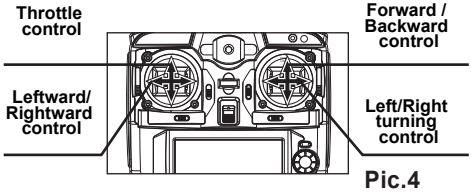
There are 4 flight modes available for selection: Stick Mod 1 (Pic.3) Stick Mod 2 (Pic.4) Stick Mod 3 (Pic.5) Stick Mod 4 (Pic.6)

- Enter into the function menu and find the blinking STICK MOD icon by turning clockwise or counterclockwise of the MENU/OK button.Press MENU/OK button to stop the blinking of STICK MOD icon and enter into the Stick Mode selection interface.
- When the left stick controls the throttle, the digit of 2 and 4 will be showed on the screen, Turn clockwise or counterclockwise of the MENU/OK button to select either of the modes; Press MENU/OK button to store the setting or Press EXIT/LIGHT button to cancel the setting.
- When the right stick controls the throttle, the digit of 1 and 3 will be showed on the screen, Turn clockwise or counterclockwise of the MENU/OK button to select either of the modes; Press MENU/OK button to store the setting or Press EXIT/LIGHT button to cancel the setting.



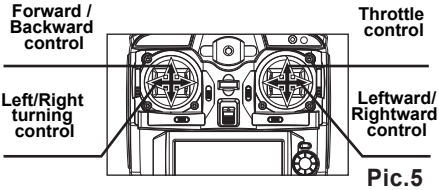
Pic.3

STICK MOD:1



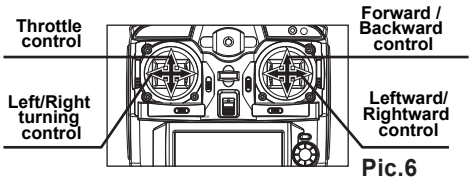
Pic.4

STICK MOD:2



Pic.5

STICK MOD:3



Pic.6

STICK MOD:4

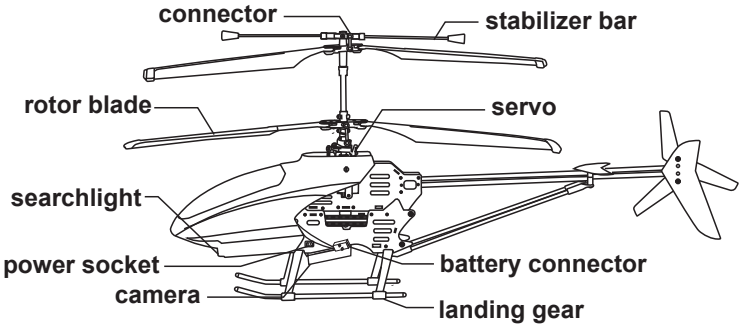
RESET

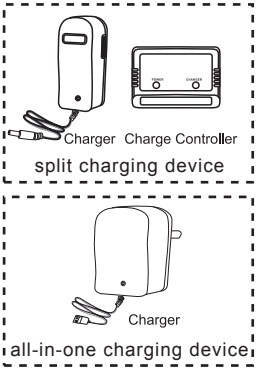
Enter into the function menu and find the blinking RESET icon by turning clockwise or counterclockwise of the MENU/OK button.Press MENU/OK button to stop the blinking of RESET icon and enter into the RESET interface.At this time, there will be "Yes" and "No" for selection, Turn clockwise or counterclockwise of the MENU/OK button to select "YES";Press MENU/OK button to restore all the parameters to factory default setting.

Transmitter battery low power prompt

When the power of the transmitter is weak, the battery power icon will keep blinking and send out beep sound to remind user to change new battery.

The helicopter





How to charge the helicopter

To meet the different demands from different customers worldwide, two different charging devices have been designed for charging. One is split charging device (1 piece charger +1 piece charge controller), the other one is all-in-one charging device (one charger only)The product is included with either of the two charging devices. User should check the package to confirm which charging device is included before reading the charging method.

How to charge the helicopter by split charging device.

- **Turn off the helicopter; unplug the battery cable from the helicopter.**
- **Insert the plug of the battery cable into the quadrate port of the charge controller (matching the plug to the port)**
- **Insert the plug of the charger cable into the circular port of the charge controller, then, connect the plug of the charger to AC power outlet to start charging.**
- **Once charging is proceeding, the red power light of the charge controller is on. When charging is finished, both the red light and green light of the charge controller are on.**
- **Full charge takes about 3 hours.**

How to charge the helicopter by all-in-one charging device.

- **Turn off the helicopter.**
- **Unplug the battery cable from the helicopter, then, insert the plug of the battery cable into the port of the charger (matching the plug to the port) to start charging.**
- **Once charging is proceeding, red light is on. When charging is finished, the red light will turn into green light.**
- **Full charge takes about 3 hours.**

⚠ NOTE

When not playing the model, please turn off the model and unplug the battery cable from the socket. If it keeps connected, it may result in over discharging. Take out the batteries from the remote controller while not playing the model for a long time.

NOTE ON THE BATTERY

This product is furnished with battery pack, please pay attention to the following safety instructions:

① Only the charger provided by the factory could be used for charging.
② When charging the battery: If the battery is too hot, it means that the battery is overcharged. In such case, users should stop the battery charging right away. Over charging would damage the battery eternally.
③ Please keep supervised when charging the battery.
④ Do not decompose the battery.
⑤ After finishing flying, the battery temperature would be relatively high. Users are advised to wait for about 30 minutes until the battery is chilled down before recharging.
⑥ Please turn off the helicopter if not using. If you are planning not to play the helicopter for a long time, charge the helicopter for about 1 hour before storing it .

Caution : Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
For adaptor, the socket-outlet shall be installed near the equipment and shall be easily accessible

Preparation for flight

- **Insert the battery plug into the helicopter battery socket located at the right side of the helicopter, then, the indicator light of the helicopter will keep flashing rapidly, set the helicopter down to a platform.**
- **Slide the power switch to "ON" position. To activate the remote controller,slowly push up the throttle stick to the top and then push it down to the bottom. The remote controller is activated once you hear a beep sound.Then, the indicator light flashes rapidly while the remote controller is sending out connectional signal.**
- **When the whole auto signal connection process is finished, push up the throttle stick slowly and the helicopter takes off.**

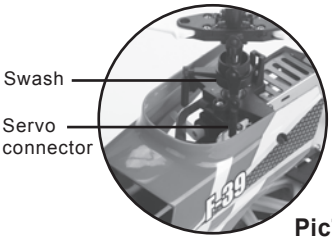
Operational Tips

- **User may push either of the control sticks to skip the auto signal connection process once the helicopter finished signal connection.**
- **Set the connection one by one. Otherwise, it may not be connected.**
- **Once the transmitter is turned off, the connection procedure must be repeated to operate the helicopter.**
- **Please pull out the battery plug from the helicopter battery socket.**

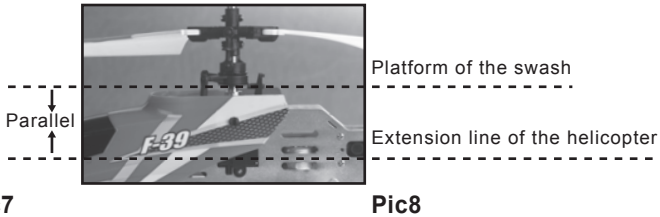
Flight adjustment

1.Adjusting the swash plate

Insert the battery plug into the power socket of the helicopter and set the helicopter down to a platform. When the transmitter and helicopter finish the auto signal connection process, the indicator light will keep "ON" without blinking.Users can get a longer sound when the trimmer of forward/backward is pushed to the middle position, at this time,please check the swash plate and if it is not keep in horizontal, users can adjusting the length of the servo connector, until the swash plate remains horizontal.



Pic7

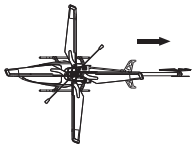
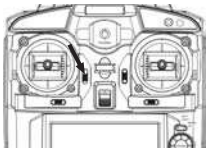
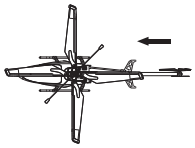
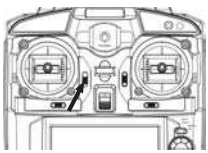


Pic8

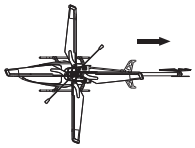
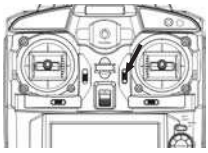
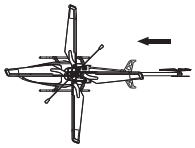
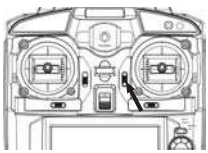
Trimmer Functions

If the helicopter keeps moving forward/backward even there is no control signal given, users may adjust the elevator trim to keep the helicopter balanced.

STICK MOD 1 or 3:

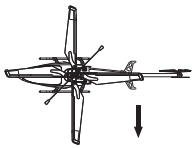
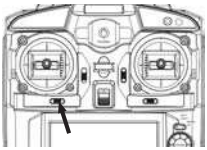
		**If the helicopter keeps moving backward, push up Trimmer A until it gains balance.**
		**If the helicopter keeps moving forward, push down Trimmer A until it gains balance.**

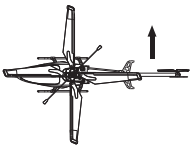
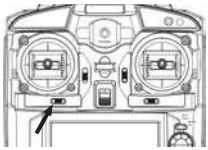
STICK MOD 2 or 4:

		**If the helicopter keeps moving backward, push up Trimmer D until it gains balance.**
		**If the helicopter keeps moving forward, push down Trimmer D until it gains balance.**

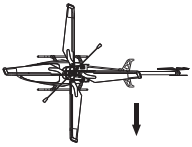
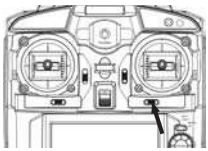
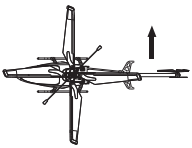
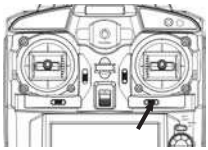
If the helicopter keeps moving leftward/rightward even there is no control signal given, users may adjust the aileron trim to keep the helicopter balanced.

STICK MOD 2 or 3:

		**If the helicopter keeps moving leftward, turn right of Trimmer B until it gains balance.**

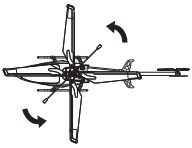
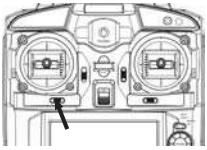
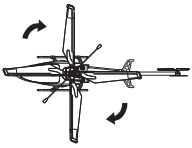
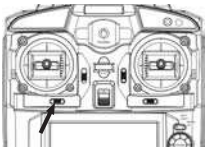
		If the helicopter keeps moving righttward, turn left of Trimmer B until it gains balance.

STICK MOD 1 or 4:

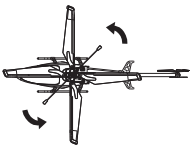
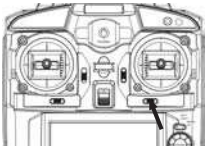
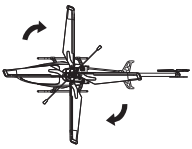
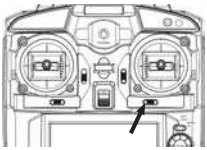
		If the helicopter keeps moving leftward, turn right of Trimmer C until it gains balance.
		If the helicopter keeps moving righttward, turn left of Trimmer C until it gains balance.

If the helicopter keeps spinning even there is no control signal given, users may adjust the rudder trim to keep the helicopter balanced.

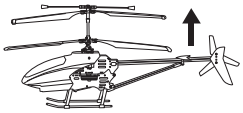
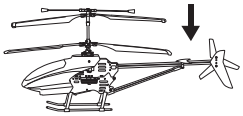
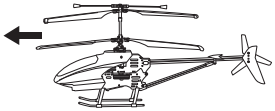
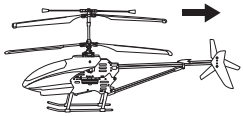
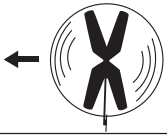
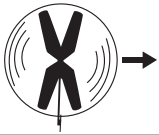
STICK MOD 1 or 4:

		If the helicopter keeps spinning counterclockwise in the air,turn right of Trimmer B until it gains balance.
		If the helicopter keeps spinning clockwise in the air,turn left of Trimmer B until it gains balance.

STICK MOD 2 or 3:

		If the helicopter keeps spinning counterclockwise in the air,turn right of Trimmer C until it gains balance.
		If the helicopter keeps spinning clockwise in the air,turn left of Trimmer C until it gains balance.

Operating

Upward		Push up the throttle control stick, the rotation speed of the mains rotors are increasing and the helicopter ascends accordingly.
Downward		Push down the throttle control stick, the rotation speed of the mains rotors are decreasing and the helicopter descends accordingly.
Turn left		Turn the left/right turning control stick to the left,the helicopter will left.
Turn right		Turn the left/right turning control stick to the right,the helicopter will right.
Forward		When the helicopter is flying, push up the forward/backward control stick, the helicopter will move forward.
Backward		When the helicopter is flying, push down the forward/backward control stick, the helicopter will move backward.
Leftward flight		Turn the sideward flight control stick to the left side,the helicopter will fly leftward.
Rightward flight		Turn the sideward flight control stick to the right side,the helicopter will fly rightward.

Video function and videography device

If installed the C4001 videography device(should be ordered separately from MJX), the helicopter has the videography function.

TF memory card

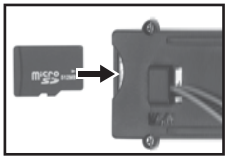
card reader

videography module

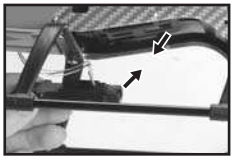
Videography device

How to install the videography device

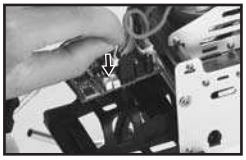
- Insert the TF memory card into the videography module.(Pic9)
- Fix the videography module onto the bottom of the helicopter by screws.(Pic10)
- Open the helicopter nose and insert the plug of the videography module into the video control socket, then, reinstall the helicopter nose.(Pic11)



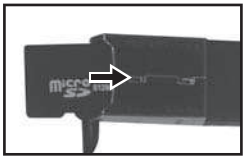
Pic9



Pic10



Pic11



Pic12

Video control

- When the helicopter is finished signal connection and is not under shooting condition, the indicator light of the videography module keeps constant "on".When press the shooting switch on the remote controller, it begins shooting and the indicator light turns from constant "on" to flashing, press the shooting switch again, shooting will stop.
- After shooting is finished, take out the TF memory card from the videography module and insert it into the card reader(Pic. 12), then, insert the card reader into the USB interface of the computer to watch the video.

TIPS

- To stop shooting, please press the shooting switch on the remote controller. Directly unplug the battery cable or take out the TF memory card from the videography module will result in loss of the video data.
- To avoid helicopter crash,please do not insert or take out the TF memory card from the videography module,when the circuit is on. TF memory card should be installed before circuit is on and take out after shooting switch is turned off.
- When crash occurs,turn off the helicopter and then turn on the power to recover normal working.

Trouble shooting

Problem	Reason	Solution
No reaction from the helicopter	1.The helicopter is underpowered.	1.Get the battery of the helicopter charged
	2.The indicator light of the helicopter flashing rapidly, and the gyo is in the testing statement	2.Set the helicopter down to a platform, until the indicator light turn to constant ”ON” without blinking.
	3.the helicopter and the transmitter is out of radio connection	3.Repeating the connection procedure.

MJX F39 Shuttle

Описание Характеристики

Оформление кредита онлайн за 2 минуты

Доставка заказов по всей России

Круглосуточная служба поддержки

Оплата заказа любым удобным способом